most extensive oil region in the world; but it is about 400 miles north of the Canadian Pacific Railway. There is no doubt that when the difficulties of transport have been

surmounted and cheaper oil is available, that it is destined to be a formidable rival

of coal for many purposes, especially the firing of boilers, and for various metallur-gical processes, for which its freedom from

sulphur, etc., renders it particularly suita-

New Street-Cleansing Machine.

the jets is a rotary brush, set at an angle to the roadway, and formed of short pieces of

rubber arranged in a screw-like manner. These rubber pieces brush or rub the road-

way and deliver the mud sideways toward

erate cost. This machine can in summer lay

and collect the dust into the gutters, while in winter, by the use of salt water, it can

melt the snow and flush it down the sewers.

American Coal in the West Indies

The import of coal from the United States

to the port of Havana during 1888, is stated to

have amounted to 97,547 tone as against 53,-

255 tons in 1887, and that from Great Brit-

ain to 50,378, as against 74,843 tons. Thus,

the American import exceeded the average

Great Britain fell far short of its average of

80,000 tons. That a further alteration in the

relative proportions of the coal imports from Great Britain and the United States may

take place is not improbable. American

speculators are arranging for large ship-ments of coal from the Alabama mines to

Cuba and other West Indian islands. Should

this enterprise prove successful, the effect on British trade would be most unfavorable, as

it would obviously be difficult for British

exporters to compete with American in the

Growing Demand for Electric Motors.

The uses of the electric motor are multi-

plying daily, and one of the indications that its adaptability is recognized by the public is that machines for both constant potential

and constant current systems have been

manufactured during the past year at the

paratus, every portion of it finds an imme-diate sale, and nearly all the factories are

behind in their orders to such an extent that

it is nearly impossible to fill orders under 60

days. Motors have been introduced for all

conceivable purposes to which power can be

applied, and small industries run by electri-

cal power have started up in many places

where steam power could not have been util-

ized. The use of the storage battery is also

Electric Light in Woodworking.

The electric light is being more and more

used among the manufacturers of the wood-

Musical Gos Machine.

Its compass is three octaves, and it has a

keyboard and is played in the same manner

as an organ. It has 37 glass tubes, in which

a like number of gas jets burn. These jets,

placed in a circle, contract and expand.

the jets burn are nearly 11 feet long.

Economical Freight Steamers.

The tendency in Atlantic steamers has for

speed, but a new departure is indicated in

one of the new boats of the Hamburg-Amer-

ican line, the "Scandia," which uses only

58 tons of coal a day. In very good weather she can make 141/2 knots an hour. Allow-

ing for an average of little less than 13 knots an hour, or say 290 knots a day, she

can travel five miles on one ton of coal, and

her cargo space enables her to carry 4,000

tons of freight; so that with one pound of coal she can carry a ton of freight 10 miles.

Probably this has never been surpassed in

point of economy, and still less equaled.

Prompt Egress for Theater-Goers.

An admirable arrangement looking to the

quick and safe emptying of the house has

just been adopted at the Tremont Theater in

Boston, and is also in use in one theater in

New York City. At any time, by simply

touching a button in any one of eight handy places in different parts of the theater, 17

sets of folding doors leading to as many

exits open simultaneously, actuated by

electrical apparatus. The expense of the im-provements is said to have been considerable.

but it is safe to say that the public will ap

preciate the advantage of being able to take

heir pleasure without any dread of fire or

Utilizing the Power of Ningara.

A device for utilizing the power of

Niagara Falls, invented by a Chicago en-

gineer, has been awarded the gold medal

the best invention for this purpose. The

in diameter, to be mounted behind the fall-ing sheet of water, and moved by proper

machinery toward or away from the water-fall, as the power is needed. This wheel is

to drive dynamos by friction clutch con-

nectious, and the power will be transmitted

In This Age of Progress.

over 150 competitors for the prize

Mr. Benfrank-M-m-mar-r-ria!

(Sweet voice from next room)-Yes, dearie

Mr. Benfrank-Th' (b-r-r-r-r) 'lectric

by wire to any desired place. There were

growing rapidly.

A new street-cleansing machine has just

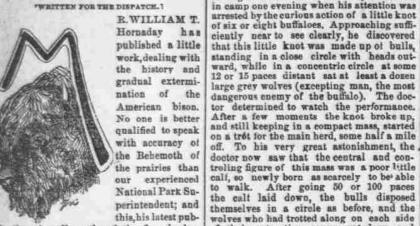
BY MYRIADS SLAIN

How the Bison of the Prairies Was Ruthlessly Exterminated.

HORNADAY'S INTERESTING BOOK.

The Vast Herds Which Once Darkened the Western Plains

HAVE DISAPPEARED PROM THE EARTH



this, his latest pub-of the fame he has of their retreating supper, sat down and lication is well worthy of the fame he has already acquired in every department of zoology. The book, entitled "The Extermination of the American Bison," mination of the American Bison," the noble tathers did their whole duty to their offspring, and carried it in safety to day's Report of the National Museum; the herd." The buffalo, it taken when and contains many of the plates which young, submits with surprising readiness to adorned that work. According to Mr. Hornaday, we may soon have to mourn the last of the buffeloes. The mighty race which once spread its myriad legions from the of those killed by the Red river half breeds frozen north far into the orange groves only. From 1820 to 1825 some 118,950 which fringe the Mexican gult has been re- buffaloes, worth \$594,750, were abot. From lentlessly hunted down and slaughtered until a few paltry herds alone remain of the being \$731,250. true blood of the American bison. The dis-

same Southern herd was almost totally an-To dwell upon Mr. Hornaday's collect-

eans to any extent would be impossible in a limited space. Suffice it that the portion of the book describing the habits and disposi-tion of the buffalo is one of the most inter-

NOT AN INTELLIGENT BRUTE.

herd is a glorious example of paternal in-stinct. An army surgeon related the fol-lowing instance to Mr. Hornaday: "He was

in camp one evening when his attention was arrested by the curious action of a little knot of six or eight buffaloes. Approaching suffi-

large grey wolves (excepting man, the most dangerous enemy of the buffalo). The doc-

tor determined to watch the performance.
After a few moments the knot broke up,

the restraints of captivity. Mr. Hornaday

declares buffalo calves make excellent pets.

the standard of mental capacity; and makes this stupidity the cause of his extermination. But if the monarch of the plains lacked intellect, he certainly did not want for affection. The manner in which the bull buffaloes protected the calves of the

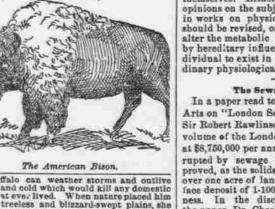
PREPARED FOR THE DISPATOR ! Readers of THE DISPATCH who desire information on subjects relating to industrial development and progress in mechanisciences can have their queries answered through this column.

doctor now saw that the central and concalf, so newly born as scarcely to be able to walk. After going 50 or 100 paces the calt laid down, the bulls disposed themselves in a circle as before, and the licked their chops again, and though the doctor did not see the finale, it being late and the camp distant, he had no doubt that on wood and 537 on granite.

The statistics collated appear to show that:

1. Asphalt was most slippery when merely damp, and safest when perfectly dry, and that a horse might be expected to travel on 1825-30, over 146,250 were killed, their value From 1830-1835, 174,525 were killed, their value being \$872,625. From 1835-1840, 212,-

> water without any farmaceous food at all? Physiologists tell us it cannot; experience | working class. It is practically the only seems to negative their assertion. It is light in use at the present time in sawmills, highly desirable that this question should | sash and door factories, furniture factories from a practical and from a purely scienpractical medicine, and it is of the highest importance that we should know for certain for what period it should be carried on without injury to the patient. In this country it is being used chiefly for the reduction of obesity, but in New York several physicians are making an extensive use of a diet consisting entirely of lean meat and water, not only for that purpose, but also in the treat-ment of dyspepsis, phthisis, ectasia of the stomach, and in the absorption of new growths; in the latter case it being claimed that by increasing the metabolism of the body recently formed tumors can be absorbed. In order to procure these results the use of a diet consisting entirely of lean meat and water is continued for a period of at least several months, and the advocates of this new school claim that the benefit to the general health of the patient is marked and absolute. On a consideration of this subject two conclusions inevitably present themselves: Either the generally received opinions on the subject of diet as contained in works on physiology are unreliable and



A buffalo can weather storms and outlive hunger and cold which would kill any domestic steet that ever lived. When nature placed him on the treeless and blizard-swept plains, she left him well equipped to survive whatever natural conditions he would have to encounter. The most striking feature of his entire tout ensemble is his magnificent suit of hair and fur combined, the warmest covering possessed hy any quadruped save the musk ox. The head, neck and fore quarters are clothed with hide and hair so thick as to be almost, if not entirely, dusky skulls, from which hide and flesh neck and fore 'quarters are clothed with hide and hair so thick as to be almost, if not entirely, impervious to cold. The hair on the body and hindquarters is long, fine, very thick, and of that peculiar woolly quality which constitutes the best possible protection against cold. Let him who doubts the warmth of a good buffalo robe try to weather a blizzard with something else, and then try the robe.

Mr. Hormaday gives the causes of buffalo extermination, as follows: 1. Man's rock.

extermination, as follows: 1. Man's reckless greed, his wanton destructiveness and improvidence in not husbanding resources. 2. The total absence of protective measures and agencies in the Western States and Ter-3. The preference of hunters for the hide of the cow over that of the bull. 4. The phenomenal stupidity of the buffalo. 5. The perfection of modern firearms,

COMPLETE EXTERMINATION. The different modes of slaughter are stated at length, and the whole progress of destruc-

and admirably described. The completeness of the extermination may be judged from the following figures, taken on January 1, 1889: Number of wild buffaloes in Texas, 25; number in Colorado, the total of pure-blooded bisons in captivity and the whole number of individuals of Hornaday sums up the situation as follows: Hornaday sums up the situation as follows:
In these days of railroads and numberless hunting parties, there is not the remotest possibility of there being anywhere in the United States a herd of a hundred, or even lifty, buffaloes, which has escaped observation. Of the 85 head still existing in a wild state it may safely be predicted that not even one will remain alive five years hence. A buffalo is now so great a prize, and by the ignorant it is considered so great an honor (?) to kill one, that extraordinary exertions will be made to find and shoot down without mercy the "last buffalo."

There is no possible chance for the race to be perpetuated in a wild state, and in a few years more hardly a bone will remain above ground

we know. And so ends the story of the American If Colonel Dodge be correct in the par-ticulars given—and there is no reason to doubt his accuracy, the advancing herd must have numbered at the least over 4,000,—falls to appreciate till they are lost to him 000 buffaloes. And yet in four years that forever.

more hardly a bone will remain above grito mark the existence of the most pro-

Materials for Cities. UTILIZING THE POWER OF NIAGARA He places the buffalo very low indeed in

Effect of a Diet Consisting Entirely of Meat and Water.

SCIENTIFIC AND INDUSTRIAL NOTES

cal, civil and electrical engineering and the

wet a horse would travel on asphalt 192 miles before meeting with an accident, 432

the asphalt without an accident nearly twice the distance when the pavement was dry that it could do when damp. 2. That gran-ite was most slipperv when dry and safest when wet; that a horse might be expected to travel on granite without accident nearly seven times the distance when the pavement was wet that it would when the payement was dry, and that the granite was about twice as safe when merely damp as when dry. 3. That wood was most slippery when damp and safest when dry; that a horse might be expected travel on the wood more than three times the distance when the pavement was dry than when damp, and that the wood was more than twice as safe when wet as when damp. It will thus be seen that only under a single condition, and that the least persistent, is granite sater than wood and asphalt, and that wood is safer than asphalt under all circumstances. As in this country under normal conditions dry weather greatly preponderates, it would appear that granite is far behind asphalt as a preventive to slipperiness. While the forevalue as pointers in the matter of the adop-tion of any particular class of pavement in this country, is materially lessened by the fact that the number of horses in our streets will, in all probability, rapidly decrease with the general adoption of electricity as a motive power, not only for street cars, but

A Diet of Lenn Ment and Water. Can life and health be sustained indefinitely upon a diet of lean mest and by hereditary influence as to enable the in

The Sewage of Cities sible plan had bee tried, and it was well known now, said Dr. Drysdale, that the only possible way of purifying sewage was by passing it through fitting soils.

Electrified Steam. At the last meeting of the Physical So ciety, of London, England, much interest was created by some very beautiful experielectric light cast a shadow of a steam jet closely connected with Lord Raleigh's wellness of the thunder clouds and the lurid light so often seen in the sky before a storm.

Present and Future of Petroleum Some interesting figures have appeared in had to be closed because the oil could not BRENAN. be taken away. Gallicia produces about telephone (b-r-r) wirel—Judge. CHRIST AT DECAPOLIS

Oanada 25,000,000 gallons. The resources of Burmah and Canada are only just beginning to be developed, and it is impossi-ble to tell what magnitude the trade will amount to when improved means of trans-port have been provided. In the basin of the Mackenzie river is believed to be the pernaum for a Long Journey.

Avoiding the Arguments of Hair-Splitting Theologians.

singular and significant.

swer in advance of the problem, and tell you at the start, in one sentence, that He took this journey to get rid of some very

the State of Pennsylvania. It had a great city at each end of it. Only instead of being like Pittsburg and Philadelphia, at the eastern and western boundaries, one was in the north and the other in the south. In the north was Capernaun, and in the south Jerusalem. Now, each of these great cities had a character distinctly its own. When men spoke of Capernaum, they thoughtfor business, for Capernaum was a city of merchants; when they spoke of Jerusalem, they thought of religion, for Jerusalem was

And the cities were good representatives of the adjoining country. Galilee was like Capernaum, Judea was like Jerusalem. So that the Rabbis had this proverb: "If anyone wants to be rich let him go north; if he wants to be religious, let him come

ways, differed also in this that He preferred

where a superabundance of inflammable material and, more or less, dust is unavoidable. Manufacturers recognize that they cannot afford to risk the lighting of their plants with lamps or even gas, with the from fire which these illuminants entail. As a rule, too, where motive power is abundant and cheap, electricity, besides offering the best and safest light, is in the A musical gas machine, called the pyro-

their duty into daily practice, and were quite ignorant of definitions were the people who accepted Christ. In the shops and a hearing which was denied Him in the synphone, has been brought out in England. agogues of Jerusalem. VISITORS FROM JERUSALEM. Now, sometimes the South made a visit to the North. And just before the beginning of this long journey which ended at Decapo-lis we find the record of such a visit. There had come a deputation of Pharisees, and

> might keep their hands clean in their ow long roads toward the North, getting finall out of Palestine altogether into the bounds as it would seem, fearing that some Pharisee might still be lingering in Galilee, He struck off toward the East, along the wooded passes of Lebanon, and crossing the

to be upon the side of Christ. So Christ came to Decapolis. And here the whole population crowded out around Him, bringing their sick, attracted some of them, no doubt, by the tame of Christ. Because Decapolis was neighbor to Galilee the renown of the words and works of the great teacher must often have passed the narrow boundary of the Jordan. Some of the people of Decapolis had indeed with their own ears heard Christ speak. We read how they mingled with the multitude who listened to the sermon on the Mount. Some of them had seen Christ's wonderful works or had at least been fold them by the men who saw the demoniacs of Gadara and astened to tell the story of their cure throughout Decapolis.

And if there were any who had not heard or known, and to whom the fame of Christ was no attraction, I am sure that the face of Christ was attraction enough. "He could not be hid," the evangelist says. Even away up in that far off Tyre and Sidon disrict they found Him out. There must have

whom little children held out their hands into whose presence the sorrewful came for comfort and the sick for healing, and of

comfort and the sick for healing, and of whom nobody, not even the humblest sinner was afraid, except the Pharisees! Christ might have come alone and a stranger, with no fame and no name, and yet they would have thronged about Him. You cannot very well hide fire. You cannot very well conceal strength. I have not much faith in "mute, inglorious Miltons." If anybody has got the spirit of Milton in him, he cannot be mute. Christ could not be hid. With common consent men recognized the Helper. How to Explain-How to Prevent-How

common consent men recognized the Helper.

And Christ, even among those poor heathen was the Helper. They brought their sick and laid them at His feet, and He

asked no questions, either about creed or character. They were in need, and He

most orthodox believers of that generation.

A GREAT ART UNION.

Backed by Eminent Artists and Wealthy Patrons-A Great Ed-

ucational Advantage.

Architectural League of Art Students'

League, the Society of Painters in Pastel

and over 150 artists, sculptors and architects are on the list of subscribers. The well-

addition to these resources the gift fund of

Among the contributors are George Van-derbilt, Cornelius Vanderbilt, D. O. Mills,

The plan of the society is to erect a hand-

some building adapted to the purposes of

fourth street, adjoining the new building of

most important step yet taken in the estab-

Have the Influenza.

art exhibitions and art education

Robert Goelet.

the enterprise already amounts to \$30,000

HIS WORK AMONG THE POOR HEATHEN

been tried very successfully in the London away up toward the North into the neighstreets. It is a combination of water cart borhood of Tyre and Sidon, and thence reand circular squegee. The water from a turning came down into the region of wrought iron tank is delivered by a perforated tube, which directs it on to the roadway

ample of the patient and humble doing of the nearest duty. He was content to talk to the peasants of Galilee, to the fishermen of Capernaum, to the scribes of Jerusalem, and to spend His days, for the most part, within the narrow boundary of the contracted territory of the Jews. And this long journey is on that account the more

lee, and why, going away, did He venture into such places as Tyre, Sidon and Decap-

I may as well begin by putting the an-

dent, Howard Russell Butler; Vice President, Frederick Crowinehild; Secretary, H. I call this significant, because it means J. Hadenbergh, and Treasurer, William Bailey Faxon. THE GRIP CLOSES A HOSPITAL. Matron, Nurses and Resident Physician All PEPECIAL THEOGRAM TO THE DISPATCH. 1 PHILADELPHIA, January 4 .- The Howard Hospital closed to-day until Monday,

of ritual may exist without any real religion on account of the matrons, nurses, resident physician and visiting medical along the wharves of Capernaum He found men being sick with the grip. Mrs. Mary A. Anthony, the matron, was first taken sick, over a week ago. Then followed

Miss Addis, one of the nurses, who took to her bed four days ago and is still there. Another nurse, Miss Bosendale, was the next victim, and she succumbed the day after Miss Addis. W. W. N. Naylor, the resident physician, has had several attacks, or rather one continuous attack of varying severity. NATIONAL taste clearly defined: The sale of Atkinson's Extracts is constantly increas-ing, and must exceed a half million bottles

LOWEST PRICE ON RUGS The People of Allegheny County Ever Heard of, This Week at Greetzinger's. We have decided to close out all our stock of imported rugs, consisting of Persian, Mecca, Daghestan and Armenian, at half

Think of it! fine rugs that have been selling all along at \$16, we now offer at \$7 and Lower-priced ones proportionately re-These goods will not be ready for you un-

You will find them on first floor. Better come early in the morning. EDWARD GROETZINGER, 627 and 629 Penn avenue.

Do You Want to Buy Goods Chenp? Patronize the firm that sells for cash, that is not obliged to ask you a profit to pay an advertising account that runs up in the advertising account that runs up in the thousands, and has other equally extravable hold in the land, and with such eloquence gant expenses that you must settle for. Avoid the store that pays fancy prices to salesmen to worry you into buying goods you don't want. No one nrged to buy goods at our store. Every item a bargian. No efforts needed to sell goods at our prices. Come this week, if you have cash to invest. Odd lines in every department offered below cost to close lots of remnants and soiled goods. All must be cleaned up before invoicing. The popular store.

THORNTON BROS. 128 Federal st., Allegheny.

THUMA'S DANCING ACADEMY. The second session will commence next week, Tuesday, Wednesday and Thursday eves, for beginners; Saturday afternoon for children. For further particulars see amuse-

ment column, this paper. Attention, Landlords! A very important matter to look after this

could induce me to part with the privilege to use these remedies in the cure of disease, time of the year is the engagement of a reliable agency to manage the renting of your houses. The well-known firm of Black & is still greater. An intelligent use of these Baird have increased their facilities in this branch and are more than ever prepared to give special attention to the management of the moaning or tretful multitude of little properties and estates in Pittsburg, Alleand change the vast number of half sick women who drag themselves wearily to their gheny and suburbs. By the uniform system they have adopted, better results are obdaily tasks into sprightly, happy wives and sisters, and the throngs of dispirited untained than by the owners. Monthly settlements, with itemized statements, are forwarded promptly.

Z. WAINWRIGHT & Co., make the pur est and best ale and porter. There are the favorite winter drinks. Families supplied direct. Telephone 5525.

THE Iron City Brewing Co.'s ale and por-ter are the most popular seasonable drinks. 'Phone 1186.

B. & B. been something
INDESCRIBABLY ATTRACTIVE,
winning, encouraging about His face, to

It is worth reading—our display in this
paper. You can use your judgment about
coming,

BOGGS & BUHL. DR. HARTMAN'S

A MARVELOUS TRIUMPH

Without Medicine.

Dr. A. Wilford Hall's Health Pamphlet unfolds a treatment by which all future outlays for medicine or losses from ill health may be avoided. Cost triding and will last a person for life. Dyspepia, Rheumatism, Constipation, Piles, Fevers or almost any aliment readily succumbs to this treatment without medicine of any kind, inducing health and longevity. Used and heartily indorsed by leading clergymen, physicians and others. For particulars and indorsements send 2c stamp to HYGIENIC TREATMENT CO. [Agent], P. O. Box 325, Pittsburg, Pa. ja2-65-thssu

ATENTS.

A purely Vegetable Compound that expels all bad humors from the system. Removes blotch-

es and pimples, and makes pure, rich blood

O. D. LEVIS, Solicitor of Patents, 311 Fifth avenue, above Smithfield, next Leader office. (No delay.) Established 20 years.

MEDICAL.

DOCTOR

As old residents know and back files of Pitts-burg papers prove, is the oldest established and most prominent physician in the city, de-voting special attention to all chronic diseases. From respon-NO FEEUNTIL CURED sible persons NO FAEUNTIL CURED

From respons-NO FEE UNTIL CURED NERVOUS and mental diseases, physical NERVOUS and mental diseases, physical NERVOUS and mental diseases, physical energy, ambition and hope, impaired memory, disordered sight, self distrust, bashfulness, dizniness, sleeplessness, pimples, cruptions, impoverished blood, failing powers, organic weakness, dyspepsia, constitution, consumption, unfitting the person for business, society and marriage, permanently, safely and privately cured, BLOOD AND SKIN diseases in all BLOOD AND SKIN diseases in all sellings, ulcerations of torgue, mouth, throat ulcers, old sores, are cured for life, and blood poisons thoroughly eradicated from the system, URINARY kidney and bladder derange-tarrhal discharges, inflammation and other painful symptoms receive searching treatment, prompt relief and real cures.

Dr. Whittier's life-long, extensive experience, insures scientific and reliable treatment on common-sense principles. Consultation free, Patients at a distance as carefully treated as if here. Office hours 9 a. M. to 8 P. M. Sunday, 10 a. M. to 1 P. M. only. DR. WHITTIER, 814 Penn avenue, Pittsburg, Pa. de8-15 DSuwk

THE GLORY OF MAN

STRENGTHALITY

How Lost! How Regained,

THE SCIENCE OF LIFE A Scientific and Standard Popular Medical Treatise on

cesses or Overtaxation, Enervating and unfit

KHOW THYSELF.

Burdock

BLOOD

LECTURE ON COUGHS - THINGS THAT EVERY ONE OUGHT TO KNOW.

Cure-A Cough-What is Cough?

How is that involuntary "kerchoo" which one hears on all sides at this time of the year to be explained?

Cough is a short convulsion. There are three examples of this kind of convulsions, with which everyone is familiar. They are coughing, sneezing and vomiting. In either case the physiological explanation is the same. There is some irritation of a nerve end which conveys the irritation to the nerve center, causing a convulsion of those muscles over which the nerve center

The question is sometimes allowed to trouble people—what will become of the The kind of a convulsion called a cough is excited by an irritation made somewhere in heathen? And there have been some good Christians who have built up so high a the larynx, trachen, or bronchial tubes. Any irritation substance breathed into the wind-pipe will produce a cough, which passes away as soon as the irritation is ex-pelled. This is nature's way of protecting and the revelation of the Father in heaven that they have permitted themselves to imagine that the preaching of the Christain gospel draws a line in this world between the lungs from harm. The lungs are so delicate that nature has provided such a senitive membrane to guard the entrance of the pipe that leads to them that even a few

everybody who has not heard.

I like to set beside that doctrine this living picture of Christus Consolator, of the Healer among the heathen. Here is the paper that leads to them that ever a test of them that the paper that leads to them that leads to them that the paper that leads to them that leads to the paper that leads to them that leads to them that leads to the paper that leads to them that leads to them that leads to them into the world, here is the Savior who came nal treatment, yet it serves to explain the true cause of any kind of cough. The cough to save not the Jews, not the Christians, not caused by a common cold, pneumonia, con-sumption, bronchitis, catarrh, are all alike any set or sect of men, but all men, all the children of God, the civilized and the savage, the favored and the unfavored, all who tol-low the best religious light of love, every--an attempt on the part of nature to expel some irritating substance from the pipes leading to the lungs. A person catches cold, the mucous membrane lining the pipes lead-ing to the lungs become congested, and a watery mucus is formed, which would trickle down the pipes into the lungs if it was not expelled at once by a cough. Cough is a safeguard against the accident of the discharges of a cold entering the lungs, where they would do great harm. Cough is The American Fine Arts Society Organized the warning of a friend, not the attack of an NEW YORK, January 4.—The organiza enemy. Without cough the slightest cold would often produce death, as then nothing tion of the American Fine Arts Society has practically been completed. Five of the would prevent the mucus secretions from accumulating in the lungs. Cough is the most vigorous art societies of this city, act of ejecting an intruder from the breathnamely the Society of American Artists,

HARMFUL TREATMENT.

To stop a cough in any other way than to and the New York Art Guild, have all united in the plan and agreement. The en-tire capital stock, \$50,000, has been raised, heck the secretions is as toolish as it is harmful. The true cough medicine is the one that cures the congested membranes, and thus stops the discharges, when the cough ceases of its own accord. Anything known list of life fellows includes the names of 210 of the leading citizens and art patrons of New York. In that will prevent the formation of the irritating secretions will permanently cure a cough, but any cough medicine that simply quiets the cough will not only fail to be of any lasting benefit, but do great harm by lulling the sensitiveness of the nerves that ought to be constantly on the guard. It is C. T. Barney, Henry C. Marquand, John D. Rockefeller, John D. Archbold and to be regretted that most cough medicines have the latter effect. The operation of a cough medicine that simply stops the cough without removing the cause is much quicker, sometimes the first dose stopping it entirely. Hence the temporary popularity of harmful medicines. third street, running through to Forty-

> The cough medicine that I have found always reliable to remove the cause, and thus stop the cough, is Pe-ru-na. It contains no opium or narcotic of any kind, and is a sure cure for all kinds of cough. Pe-ru-na oper-

BATIONAL TREATMENT.

lishment of a true school of American art. It will correspond with the Ecole des Beaux ates directly to heal the congested or in-flamed mucous membranes of the air pass-Arts in Paris. It brings together no less than 300 artists and architects of merit and ages and lungs. Pe-ru-na does not work teach His profoundest lessons, only one of the whole company came from the South—and his name was Judas Iscariot. Christ was known throughout all Palestine as the Prophet of Galilee.

Lam Sov at this and architects of merit and ages and lungs. Pe-ru-na does not work against nature's efforts, but it assists Nature. A wine glassful of Pe-ru-na in hot water of the country.

The office of the society is at 47 West Prophet of Galilee.

The office of the society is at 47 West Forty-second street. The officers are: Presimelal and at bedtime will cure a winter street and ages and lungs. Pe-ru-na does not work against nature's efforts, but it assists Nature. A wine glassful of Pe-ru-na in hot water before going to bed will never fail to break forty-second street. The officers are: Presimelal and at the country and ages and lungs. Pe-ru-na does not work against nature's efforts, but it assists Nature. A wine glassful of Pe-ru-na in hot water before going to bed will never fail to break forty-second street. The officers are: Presimelal and a substantial and a substanti cough permanently and quickly. A half pond of rock candy added to one bottle of Pe-ru-na is the best treatment for the cough of consumption and chronic bronchitis I have ever used in my long practice in chronic diseases of the chest. I have relied on Peru-na so long to cure coughs in all cases of colds, influenza, hay fever, bronchitis, catarrh and consumption, with such

cesses or Overtaxation, Enervating and unfitting the victim for Work, Business, the Marriage or Social Relations.

Avoid unskillful pretenders, Possess this great work. It contains 300 pages, royal Svo, Beautiful binding, embossed, full gilt. Price, only SI by mail, postpaid, concealed in plain wrapper. Illustrative Prospectus Free, if you apply now. The distinguished author, Win. H. Parker, M. D., received the GOLD AND JEW-ELED MEDAL from the National Medical Association, for this PRIZE ESSAY on NERVOUS and PHYSICAL DEBILITY. Dr. Parker and a corps of Assistant Physicians may be congood results that I have discarded all other treatment. corps of Assistant Physicians may be consulted, confidentially, by mail or in person, at the office of THE PEABODY MEDICAL INSTITUTE, No. 4 Bulfinch St., Boston, Mass., to whom all orders for books or letters for advice should be directed as above. aul8-07-TuFSuWk For the multitudes of people that I treat annually for every imaginable form of throat and lung disease Pe-ru-na is my invariable treatment. People come hundreds of miles, at great expense, to consult me for acute and chronic coughs, to return home with some advice and a bottle of Pe-ru-na, which they can continue to get at their nearest drugstore; and the fame I enjoy in the

treatment of such troubles comes from my use of this wonderful compound.

ing to each of a value that would be difficult

chitis, pleurisy, pneumonia or any other climatic disease will disturb the peace of

the household so long as this is continued. To have this remedy at hand before the at-

tack comes, to become intelligent as to its

use before compelled to use it, is only the most common foresight used in all other de-

partments of ordinary business. It has been the greatest ambition of my life to

compress into a few compounds the princi-

pal virtues of the pharmacopea, which I believe I have accomplished in Pe-ru-na, Man-a-lin and La-cu-pi-a. Now that my

standard prescriptions have come to be ex-tensively used as family medicines, I feel a

keen desire to extend their use not only in

the cure of disease, but also in the preven-tion of it. Not all the wealth of the world

yet their value in the prevention of disease

children into glad and bouncing playmate

healthy men into noble and stalwart hus

Opening of Thuma's Dancing Academy

For beginners next week, Tuesday, Wednes

day and Thursday evenings. Children's

lass Saturday afternoon. See amusement

THE Iron City Brewing Co.'s ale and per-

DON'T forget our "Forget-Me-Not" sale. FLRISHMAN & Co., Pittsburg.

ter are the most popular sessonable drinks

bands and brothers.

column, this paper.

AS A FAMILY MEDICINE. Used according to the directions, it will secure the family against colds, coughs, pneumonia, pleurisy, bronchitis and con-sumption. It is a fact, at which my astonishment increases day by day, that so many otherwise sensible and provident people DR . E. C. WEST'S NERVE AND BRAIN will, for the neglect of so simple a precau-DR. E. C. WEST'S NEEVE AND HRAIN TREATHENT, a graranteed specific for hyseria, diminess, convulsions, fits, nervous neuralgia, headache, nervous prostration caused by the use of alcohol or tobacco, wakefulness, mental depression, softening of the brain resulting in insanity and leading to misery, decay and death, premature old age, barrenness, loss of power in either sex, involuntary losses and spermatorrhea caused by over-exertion of the brain, self-abuse or over-induigence. Each box contains one month's treatment. Si a box, or six boxes for \$5, sent by mail prepaid on receipt of price. tion as to have a bottle of Pe-ru-na at hand, bring upon themselves the needless suffering and foolish expense that I am forced to witness every day. A cold in the head, which a single bottle of Pe-ru-na will cure, soon becomes a case of chronic catarrh, which will require many bottles to entirely cure. A sore throat, which one bottle of Pe-ru-na will cure, soon becomes chronic pharyngitis or enlarged WE GUARANTEE SIX BOXES tonsils, which will require many bottles. A slight cough, which, without a vestige of WE GUARANTEE SIX BOXES
To cure any case. With each order received by us
for six boxes, accompanied with \$5.00, we will
send the purchaser our written guarantee to
refund the money if the treatment does not effect a cure. Guarantees issued only by Emil G.
Stocky, Druggist, Sole Agent, 1701 and 2401 Penn
ave, and cor. Wylie ave. and Fulton st., Pittsburg, Pa. se27-100-TISSU doubt, would soon disappear with the use of Pe-ru-na, becomes chronic bronchitis, will require a persistent use of Pe-ru-na for some time. I see a great many cases of consumption each year due directly to a neglect of coughs, colds, etc., which, if Pe-ru-na had been kept in the house and used according to directions, would have been prevented. In no Never Known to Fail. Tarrant's Extract of Cubebs and Copaiba, the best remedy for all dis-eases of the urinary orother department of domestic arrangements is there such stupendous disregard of the welfare of the family as in guarding against the common ills of life by the use of effec-



ine has red strip across face of label, nature of Tarrant & Co., New York, Price, \$1. Sold by all druggists. Goole's Cotton Root COMPOUND

Composed of Cotton Root, Tansy and Pennyroyal—a recent discovery by an old physician. Is successfully used monthly—Safe, Effectual. Price 31, by mail, sealed. Ladies, ask your druggist for Cock's Cotton Root Compound and take no substitute, or inclose 2 stamps for sealed particulars. Address POND LILLY COMPANY, No. 3 Fisher Block, 131 Woodward ave., Detroit, Mich. Sold in Pittsburg, Pa., by Joseph Fleming & Son, Diamond and Market sts. se26-28 GRAY'S SPECIFIC MEDICINE

NERVOUS DEBILITY. LOST VIGOR. Full particulars in pamphtes ent free. The genuine Gray's Specific soid by druggists only in-yellow wrapper. Price, if por package, or six for %, or by mail on receipt of price, by addressng THE GRAY MEDICINE CO., But Sold in Pittsburg by S. S. HULLAN mithfield and Liberty sta.

causing Premature Decay, New Manhood, &c., having tried in validy, has discovered a simple mean

TO WEAK MEN

iffering from the success, lost manhood, etc. scay, wasting weakness, lost manhood, etc. and a valuable treatise (scaled) contains articulars for home cure. FREE of chia solendid medical work: should be read by Prof. F. C. FOWLER, Moodus, Conn. 0016-43-DSUWK

HARE'S REMEDY For meni Checks the worst cases in three days, and cures in five days. Price \$1 00, at J. FLEMING'S DRUGSTONE.



AN INDIAN BUFFALO HUNT.

the menageric of a heathen king." The fa-mous Montezuma, as Lord Macaulay's What must have been the number slaughtschoolbov is no doubt aware, was a most en-lightened monarch; and in addition to his Western plains? From 1876 to 1884, Messrs. In ow being advocated for several purposes in many other distinguished attributes, he became the Barnum of his day. When Corter reached Annhuac, in 1521, he found in the second square of the royal palace a collection. We want to be second square of the royal palace a collection of the second square of the royal palace as collection. tion of wild beasts, presented to Montexuma, figures show the terrible decrease or taken by his hunters. Among these was ince of Couhulla, over 400 miles away.

which has come to pass in the buffalo trade. the American bison, brought from the prov- In 1882 he purchased 50,000 hides; in 1883 only 8,000 were bought: in 1884 the amount were as low as 2,000, and in 1885 Mr. Vee-BUFFALO BILL'S PROTOTYPE. man declares "the collection of robes In 1530 Alvar Nunez Cabeza, "of the catamounted to little or nothing." tle," prototype of "Buffalo Bill," found bisons in Southeastern Texas. This was the Interesting particulars are given by Mr. Hornoday with reference to the buffaloes in first discovery of the buffelo in a wild state. their new character of domestic cattle. Our author emphasizes the fact that a breed of From that date Spanish and English explorers found the "wild cattle" as they called them, in various parts of the continent. The range of the bison in those early cattle is needed for the wilds of the West and North which will be able to withstand the rigorous cold and other hardships of days started at the Atlantic coast, and exthose regions. This breed, he says, can be produced by crossing the buffalo with the nding westward through the dense, pathless prairies, stretched even to the spurs of domestic cattle. Says the Superintendent:

the Rocky Mountains. Had he remained namolested and uninfluenced by man, it is more than likely he would have crossed the Sierras and roamed far and wide through the valleys of the Pacific slope. But fate had ordained it otherwise. The white man's rifle resounded amid the forests; his bullets whizzed across the sage-brush, and the buffalo fell before him in countless thousands There is a painting by Mr. J. H. Moser, in the National Museum, which brings home to the mind with extraordinary force the terrific destruction done among the shaggy nomads who once marshalled their innumerable herds from California to Maine. The picture represents a vast stretch of prairie, spreading far be-yond the gazer's kens, and sparkling here and there with pools of sunlit water. Over all this waste lie heaped the blanching bones f long dead buffaloes. Millions and milbones; millions and millions of

have years ago been torn, are strewn by the ides of the limpid water, and along the billowy undulations into the hot, miscy There "the millions" lie-their tomb is worthy of their numbers-a continent, sky-roofed and mountain-walled, is their match-

No species of quadruped ever multiplied to such an extent as the Amercan bison. Forty years ago the total number of buffaloes in America exceeded in numbers all the quadrupeus which South Africa possessed. Near the spot where Clarion, Pa., now stands the early pioneers saw

BUFFALOES IN THOUSANDS

come week after week to drink of a sait spring in the neighborhood. W. John Filson, writing of Blue Licks, Kv., in 1789, says: "The amazing herds of buffaloes which resort thither fill the traveler with amazement and terror." Colonel Daniel Boone declared that in the Red river region of Kentucky "the buffaloes were more num-erous than cattle in the settlements." Boone also found vast herds of buffaloes grazing in the valleys of East Tennessee. Marquette, declared that the Illinois river praries were covered with buffaloes," and Father Hennein, writes of the Chicago district, that there must be an innumerable quantity wild bulls in that county, since the earth is

pathways are beaten like our great roads, and no herb grows therein."

Near the mouth of White river, in Dakota, Lewis and Clark saw a herd, in 1806, of which they wrote thus: "They are now so numerous, that from an emineuce we disre than we had ever seen at any These travelers furthermore state that it was "impossible to count the moving mass which covered the whole plain. Colonel Dodge, of "Great West" fame, Arkansas could not have averaged over 20 individuals to the acre, but was not less than 25 miles wide, and was about five days in passing a given point. From the top of Pawnee Rock I could see from six to ten miles in almost every direction. This whole

be seen. I have seen such a sight at times, ut never on so large a scale. That was the

vast space was covered with buffalo, looking

at a distance like one compact mass, the

visual angle not permitting the ground to

EVERY DAY SCIENCE.

Relative Value of Different Paving

Some interesting facts concerning pavements in regard to their comparative safety for traffic have recently been made by the Horse Accident Prevention Society of London, England. After 50 days' observation it was proved beyoud doubt that before meeting with an accident a horse would travel a far greater distance on wood than he could either on asphalt or on stone. It was found that when the surface of the pavement was dry a horse before meeting with an accident would travel 646 miles on wood, 223 on asphalt and 78 on granite. The damp weather figures were 125 miles for asphalt, 168 for granite and 193 for wood. When the weather was thoroughly

for all kinds of vehicles.

should be revised, or that it is possible so to alter the metabolic mechanism of the body dividual to exist in defiance of all the ordinary physiological laws of nature, In a paper read to the London Society of Arts on "London Sewerage and Sewage,"

Sir Robert Rawlinson stated that the entire volume of the London sewage is now valued at \$8,750,000 per annum. Land is not corrupted by sewage irrigation, but is improved, as the solids out of 100 tons spread over one acre of land would not give a surface deposit of 1-100th of an inch in thickness. In the discussion which followed the paper, Dr. Charles Drsydale said that all European nations were looking to England for a solution of the sewage question, and many of them had sent engineers over there to study what had been done. Paris had now a very successful sewage farm of 1,-500 acres which produced most magnificent crops, and the effluent was so pure that any In Berlin, also where the authorities had sent engineers to study English sewage farming, they had now about 11,000 acres on the north and south, and not a particle of sewage was now sent into the river. So far as the disposal of sewage went, every pos-

ments by Mr. Shelford Bidwell, F. R. S. tion, from 1730 to 1880, carefully followed In one of these experiments a powerful upon a screen, but the shadow was barely visible, nor did the jet appear very brilliant under the illumination. A needle point was then held near the jet and electrified by 20; number in Wyoming, 26; number in being connected with a Wimshurst machine. Montana, 10; number in Dakota, 4; total in United States of wild buffaloes, 85. In Athabasca, Northwest Territory, there are itself became far more luminous and occa-550 buffaloes. These make a total for all sionally colored. The effect of the electrifi-North America of 625. Add to the above the total of pure-blooded bisons in captivity probable that the explanation may be Bison Americanus now living is 1,091. Mr. known experiment of electrifying a jet of water, which then ceases to scatter and fall in small drops, but instead draws itself to-gether and falls in large, faltering drops. As Lord Raleigh's experiments explain the large drops associated with a thunder storm, so Mr. Bidwell's seem to throw some light upon the cause of the extraordinary black-

> connection with the petroleum industry. The present annual product is about 2,000,-000,000 gallons, of which about one-half is produced in the United States. The Caspian region of Baku produces about 420,000,-000 gallons, and many of the wells have

38,000,000, Burmah about 7,000,000 and

Why the Savior Left the City of Ca-

PAGAN PREFERRED TO PHARISEE.

It is related that upon one occasion the Master made a long journey. He went made a long journey. He went seen, He preferred them before some of the

It was not the custom of Christ to go far barrier of "texta" between their religion from home. He has set us an inspiring exin fine jets, the object of which is to combine with the mud and loosen it. Behind

the gutter, leaving it quite cleas. The India rubber brushes are claimed to do six months' constant work, and can be renewed at mod-It may repay us, then, to look this matter up a little, and find out why it was that the Master departed on this occasion from His usual custom, and into what sort of place He went. Why did He go away from Gali-

of the last ten years, which is calculated at about 66,000 tons, while the import from disagreeable people.

The land of Palestine was in one way like

A CITY OF PRIESTS.

The Rabbis had not the smallest doubt as to the choice which a good man ought to rate of upward of 250 per week, and their rating will exceed 700 horse-power. In spite of this great output of electrical apmake between the two divisions of their country. But it is quite significant that Christ, who differed from them in so many the north. The city which the writers of the Gospels call His "own city" was not Jerusalem, as one might have thought, but Capernaum. It was in the north that He preached most of His sermons, did most of His miracles, and spent most of His life, when a name had to be invented to describe this powerful union is doubtless the His followers, men found a fitting one in a town of Galilee, and called then Nazarenes. When among His disci-ples He, chose twelve who should be closest to Him, and to whom He might

be cleared up and finally set at rest, both and all the woodworking establishments that Christ found acceptance where many people would have least expected Him to find it. It is one of the revelations which Christ's coming made, that they were really the farthest away from Him who thought and talked the most about their goodness, and that a knowledge of theology and an intimate acquaintance with the whole rubric at all. The busy men and women who put

When the small burners separate, the sound is produced; when they close together, the sound ceases. The tone depends upon the number of burners and the size of the tubes certain Scribes also in their company having arrived from Jerusalem, sought out the Master and proceeded to hold an inter-view with Him. They were good types of in which they burn, so that by a careful arrangement and selection all the notes of the the characteristics of Judes, and they brought their Southern temper with them. musical scale may be produced in several octaves. Some of the glass tubes in which For we find that they at once attacked Christ

about insignificant matters of ritual. They had a grievous complaint to bring Him about the way in which His disciples ate The tendency in Atlantic steamers has for a long time been to sucrifice economy to neglected certain rubrics about the washing of their hands before they ate; and, besides that, they had allowed their taste to stray in unpermitted directions; they had forgotten some of the complexities of the law of forbidden food. These complaints they brought to Christ. To Him, with His perfectly true judgment to the had been sent to what was great and what was great who was great w ment as to what was great and what was small, all this was simply annoying. He had come to make men's souls clean; they way. He had come to make men true and til Tuesday morning. pure and profitable of speech; as to what went into their mouths, what mattered it? At last, to get away from these triflers with religion, with whom there was no persuad-ing and with whom it was no good to argue, He left Capernaum, and started off into the ries of Tyre and Sidon. And then retiring,

Jordan, journeyed to the South until WE FIND HIM IN DECAPOLIS. And Decapolis was the abode of pagar ism. The people of the Decapolis district were all heathen. Even paganism Christ seems to have accounted better than Phariseeism. He preferred a good, honest, straightforward and sincere heathen rather than a petty, narrow-minded, prejudiced dogmatic, even orthodox believer. I read in the visit of Jesus to Decapolis His protest against unmanly and unhealthy re ligion. To be so occupied with worldly thoughts that there is no room for petty nooffered by the Buffalo International Fair for device consists of an overshot wheel 60 feet tions, to be so interested in great and wide purposes for the helping on of all that is best in life, that there is no time for the complications of ritual and small patience for the study of the fine shades of rubrics; to be free from the "infirmities of a talse per spection" which magnifies molehills into nountains. This is a part of what it means